

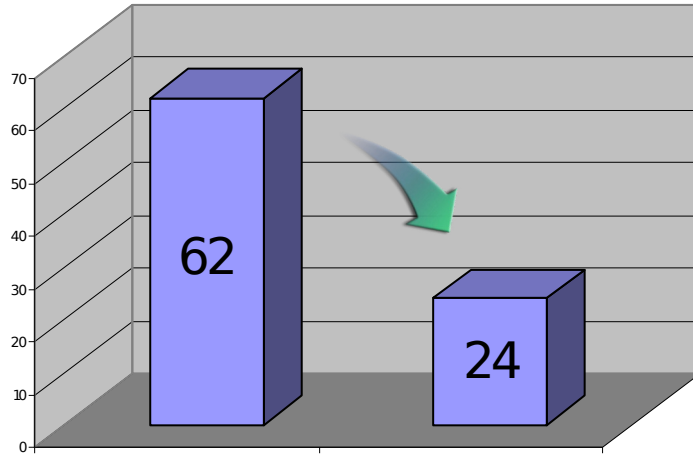
The Security Development Lifecycle

Eric Bidstrup, CISSP
Group Program Manager
Security Engineering and
Communication

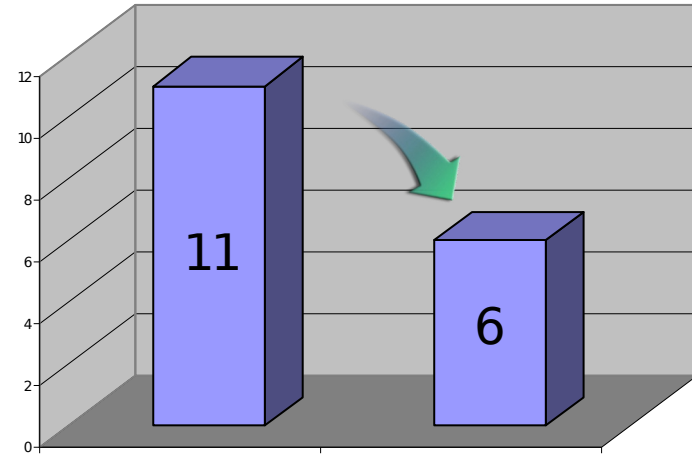
Security Deployment Lifecycle Tasks and Processes



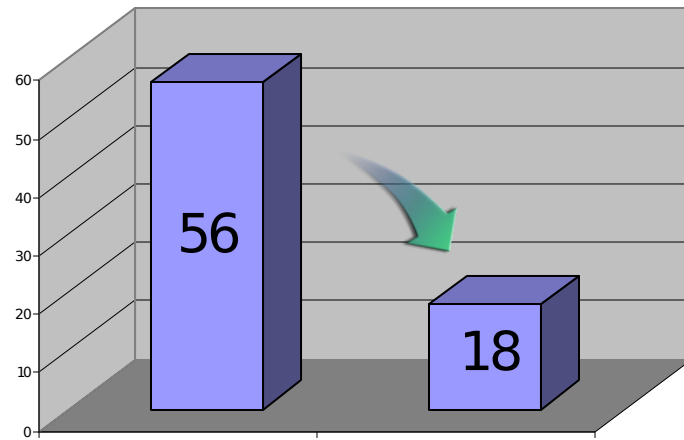
Very Encouraging Results!



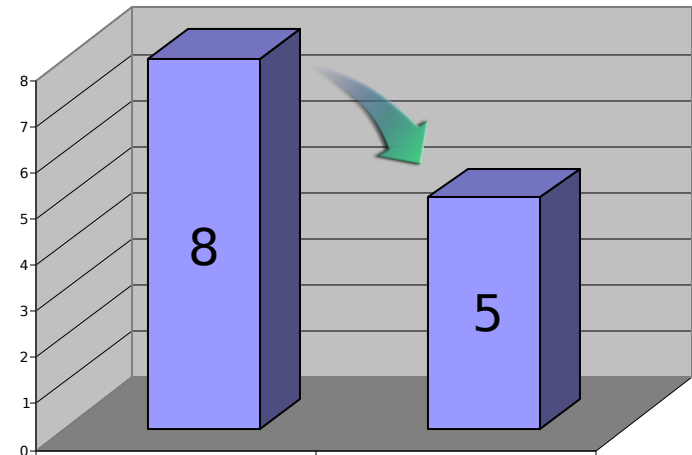
Windows 2000 vs Windows Server 2003



Office 2000 vs Office 2003

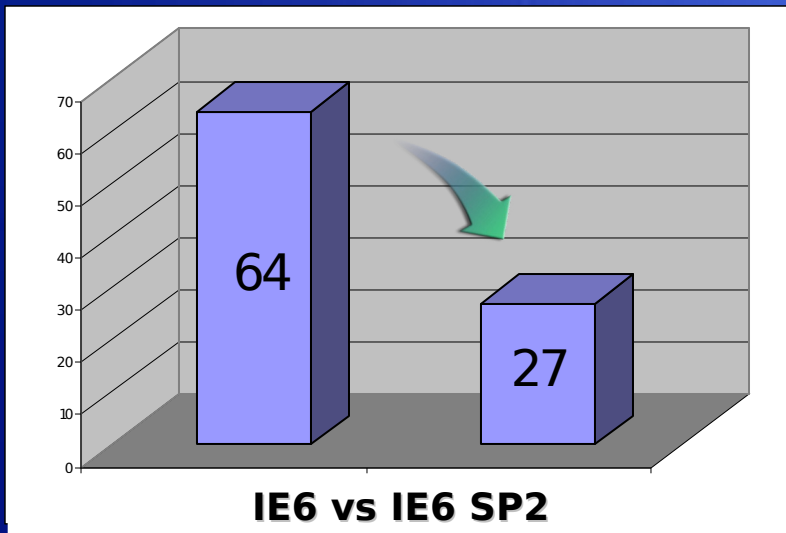
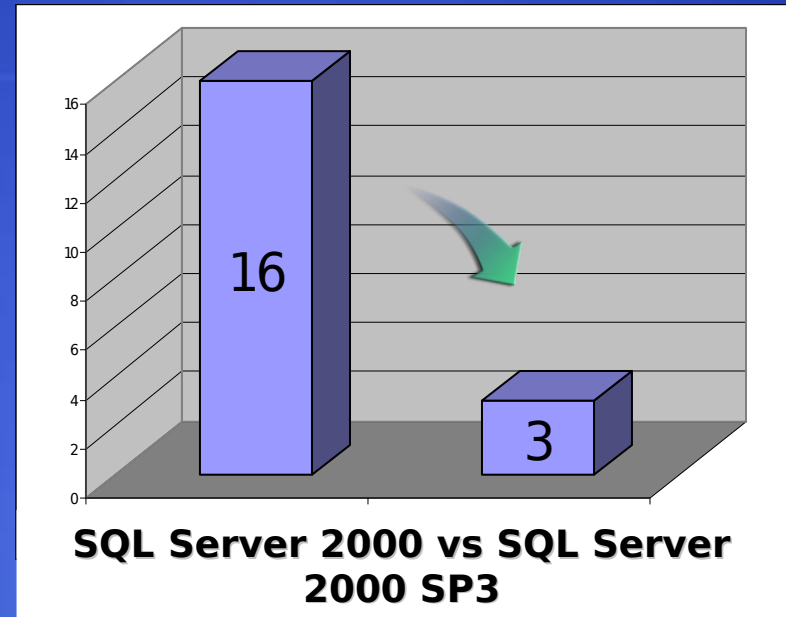
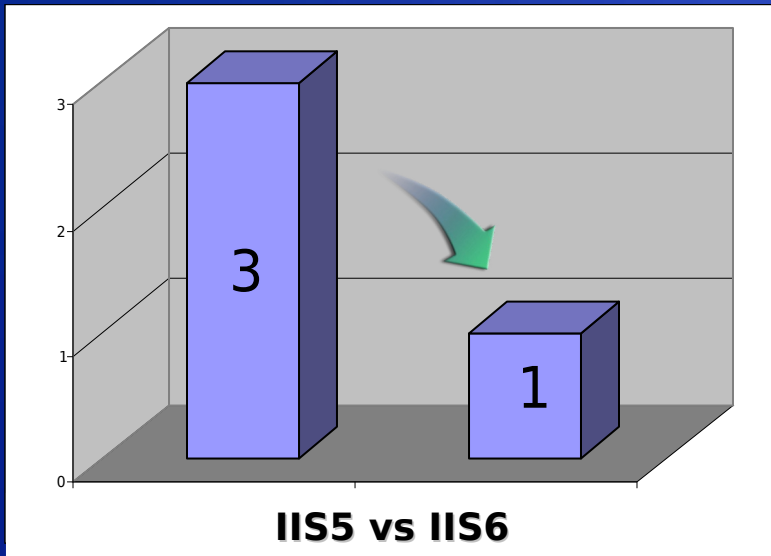


Windows XP SP1 vs Windows XP SP2



Exchange 2000 vs Exchange 2003

Very Encouraging Results!



**Over 50%
reduction in
vulnerabilities**

Security Development Lifecycle

Demonstrating Results

“We actually consider Microsoft to be leading the software [industry] now in improvements in their security development life cycle [SDL].”

John Pescatore
Vice President and Distinguished Analyst
Gartner, Inc
(From CRN, Feb 13th 2006)

<http://tinyurl.com/rezjz>

Secure Products requires Process Improvement

- Simply “looking for bugs” doesn’t make software secure
- You must reduce the chance defects are entered into the design and code
- Requires
 - Executive commitment
 - Education
 - Ongoing improvement